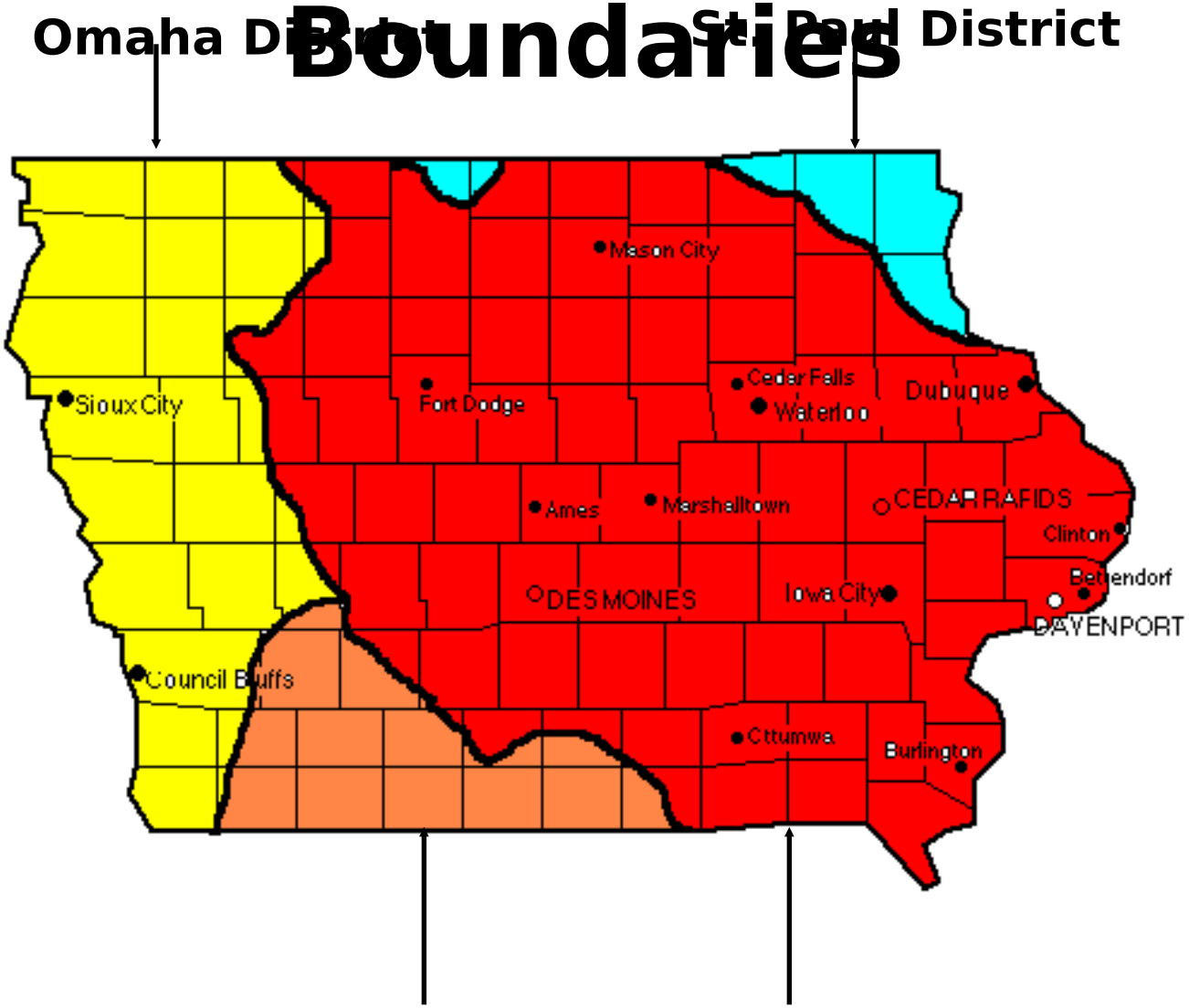
Presentation
To
State of Iowa Officials
March 15, 2007

Geographical Boundaries



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TODAY'S AGENDA

- Welcoming Remarks
  - COL Robert A. Sinkler
  - Mr. Rich Leopold
- Northwestern Division – Ms. Rose Hargrave
- Kansas City District – Mr. David Combs
- Omaha District – Mr. Greg Johnson
- Rock Island District – COL Robert Sinkler/Mr. Gary Loss
- State Discussion – Mr. Rich Leopold
- Closing Remarks
  - Mr. Rich Leopold
  - COL Robert A. Sinkler

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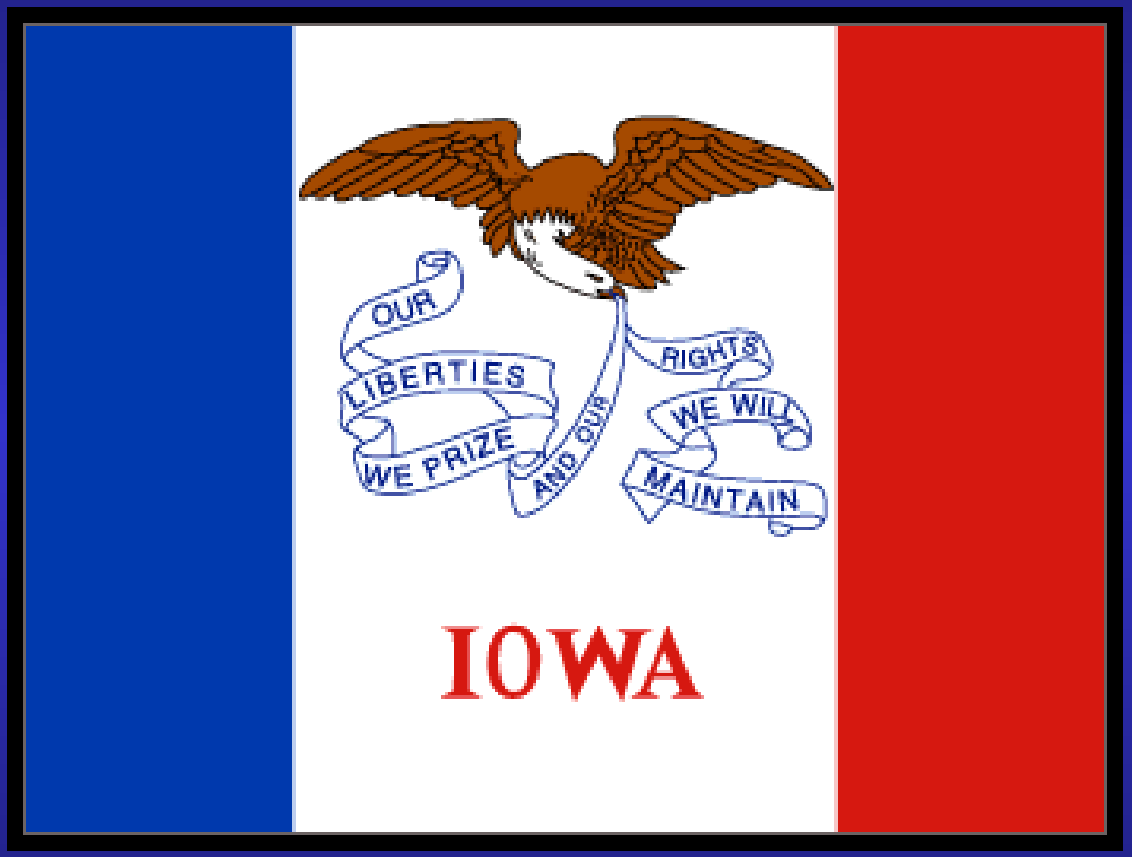


Presentation
To The

State of Iowa Officials

By
Colonel Robert Sinkler
Commander, Rock Island District

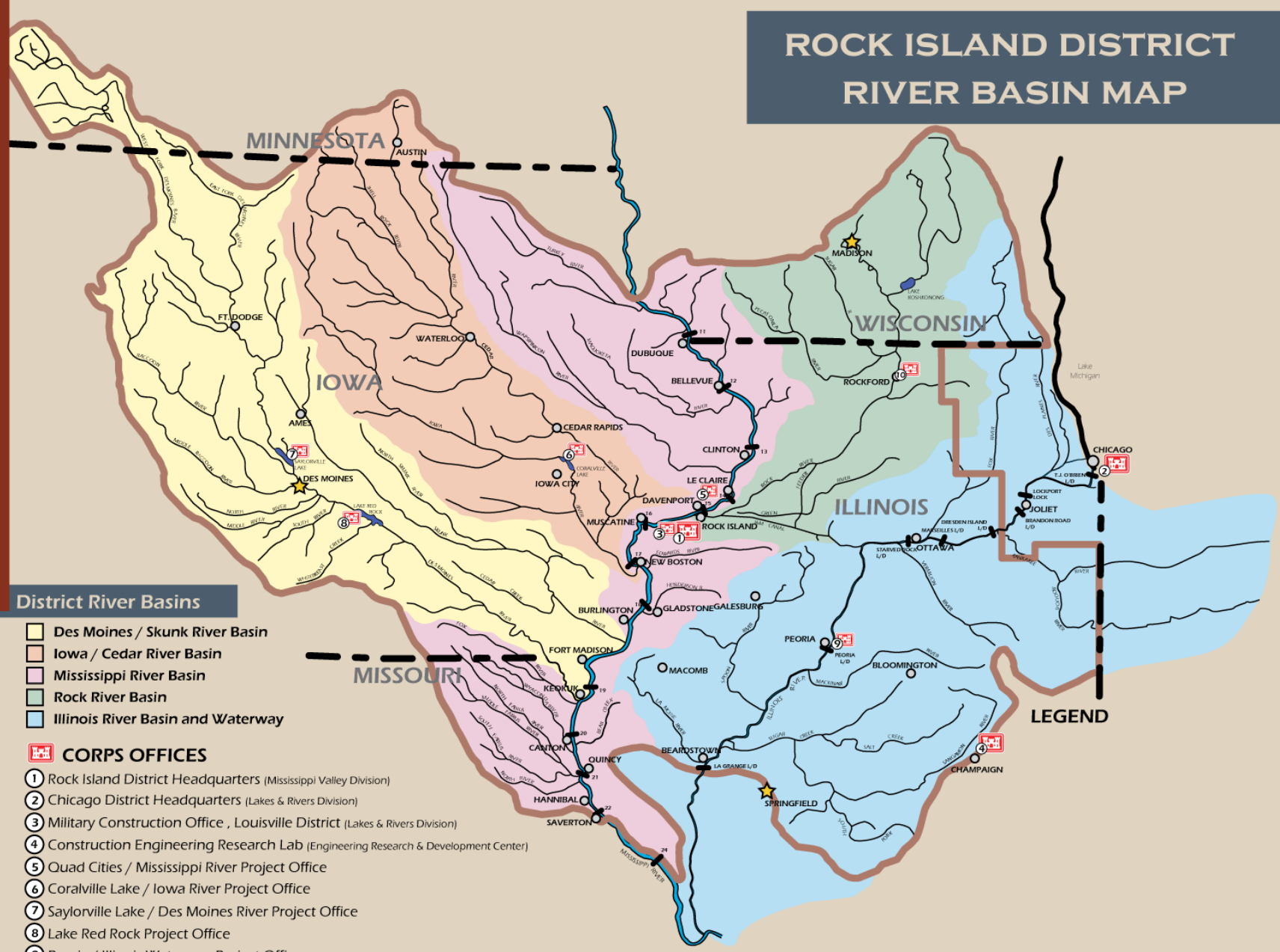
March 15, 2007

US Army Corps of Engineers®

Rock Island District

- Primarily a civil works district
- 78,000 square miles
- Portions of 5 states
- Operate 582 miles of 9-foot navigation channel
- 20 locks & dams
- 2nd longest navigation channel of any Corps district
- 2nd largest number of locks of any Corps district
- 3 reservoirs

ROCK ISLAND DISTRICT
RIVER BASIN MAP



District River Basins

- Des Moines / Skunk River Basin
- Iowa / Cedar River Basin
- Mississippi River Basin
- Rock River Basin
- Illinois River Basin and Waterway

CORPS OFFICES

1. Rock Island District Headquarters (Mississippi Valley Division)
2. Chicago District Headquarters (Lakes & Rivers Division)
3. Military Construction Office , Louisville District (Lakes & Rivers Division)
4. Construction Engineering Research Lab (Engineering Research & Development Center)
5. Quad Cities / Mississippi River Project Office
6. Coralville Lake / Iowa River Project Office
7. Saylorville Lake / Des Moines River Project Office
8. Lake Red Rock Project Office
9. Peoria / Illinois Waterway Project Office
10. Rockford / Rock River Project Office (established as needed)

★ **NOTE:** Rock Island District has navigation maintenance responsibility for the Illinois Waterway to Lake Street in Chicago.

Des Moines and Skunk Rivers Basin

Corps Contributions to Interagency Integrated Water Resources Management

1995 - 2015

FLOOD DAMAGE REDUCTION

- F-1 Des Moines & Raccoon Rivers, IA
- F-2 Worthington, MN Local Flood Protection Project
- F-3 Jackson, MN Levee
- F-4 Des Moines, IA Local Flood Protection Project
- F-5 Southeast Des Moines, IA Remedial Works
- F-6 Avon Station, IA Remedial Works
- F-7 Carlisle, IA Remedial Works
- F-8 Des Moines - Mississippi Levee District No. 1, MO

Emergency Bank Protection

- S-1 Coal Creek, Monroe Co., IA
- S-2 Coats Addition Sewage Lagoons, Webster Co., IA
- S-3 Middle Raccoon River, Panora, IA

INFORMATION SERVICES & DECISION SUPPORT

Flood Plain Management Services (FPMS)

- P-1 Lower Des Moines River, IA Reconnaissance Study

Section 22 Planning Assistance to States (PAS)

- P-2 Des Moines Water Works, IA

ECOSYSTEM RESTORATION

Section 206

- C-1 Windom, MN Fish Passage
- C-2 Jackson, MN Fish Passage
- C-3 Storm Lake, IA
- C-4 Whitebreast Creek Watershed, IA

Section 1135

- C-5 Big Creek Spillway, IA

RECREATION

- R-1 Des Moines River Greenbelt - Fort Dodge Riverfront
- R-2 Des Moines River Greenbelt - Red Rock Trail
- R-3 Des Moines River Greenbelt - Cordova Center
- R-4 Des Moines River Greenbelt - Simon Estes Amphitheater
- R-5 Des Moines River Greenbelt - Des Moines Riverwalk
- R-6 Saylorville Lake
- R-7 Lake Red Rock

REGULATORY

Rock Island District has regulatory responsibility for the State of Iowa.
St. Paul District has regulatory responsibility for the State of Minnesota.

Planning Phase
Design Phase
Implementation/Construction Phase
Operational Phase/Study Completed

For more information about our projects, visit
http://www2.mvr.usace.army.mil/projects/index.cfm

Rock Island District Headquarters
Saylorville Lake Visitor Center
Lake Red Rock Visitor Center
Des Moines/Skunk Rivers Basin
Des Moines River Greenbelt
Drainage & Levee District
County Boundary
City
USACE District Boundary
Lock & Dam
USACE Boat Launch
USACE Campground

Map Prepared by the Rock Island District - Planning, Programs and Project Management GIS Team

Map dated 22 February 2007

Iowa & Cedar Rivers Basin

Corps Contributions to Interagency Integrated Water Resources Management

1995 - 2015

FLOOD DAMAGE REDUCTION

- F-1 Indian Creek Section 205
- F-2 Time Check Section 205
- F-3 Amana Levee Repair
- F-4 Winnebago River Section 205

PL84-99

- F-5 Marengo, IA Local Flood Protection Project
- F-6 Tama, IA Local Flood Protection Project
- F-7 Evansdale, IA Local Flood Protection Project
- F-8 Waterloo, IA Local Flood Protection Project
- F-9 Marshalltown, IA Local Flood Protection Project

EMERGENCY BANK PROTECTION

- S-1 Sac & Fox Tribe in Iowa
- S-2 Iowa River, Iowa City, IA

RECREATION

- R-1 Coralville Reservoir

REGULATORY

Rock Island District has regulatory responsibility for the State of Iowa.

ECOSYSTEM RESTORATION

Section 206

- C-1 Clear Creek, IA
- C-2 Freeborn County, MN
- C-3 Ventura Marsh, IA

General Investigations

- C-4 Clear Lake, IA Reconnaissance Study

INFORMATION SERVICES & DECISION SUPPORT

Section 22 Planning Assistance to States (PAS)

- P-1 Marion, IA Mapping
- P-2 Sac & Fox Tribe in Iowa
- P-3 Black Hawk County, IA
- P-4 Waterloo Riverwalk, IA
- P-5 La Porte City, IA

Flood Plain Management Services (FPMS)

- P-6 Iowa River Streambank Erosion Control & Evaluation

Planning Phase
Design Phase
Implementation/Construction Phase
Operational Phase/Study Completed

For more information about our projects, visit http://www2.mvr.usace.army.mil/projectsIndex.cfm

Rock Island District Headquarters
Coralville Lake Visitors Center
Iowa & Cedar Rivers Basin
Drainage & Levee District
County Boundary
City
State Boundary
USACE District Boundary
Lock & Dam
USACE Boat Launch
USACE Campground

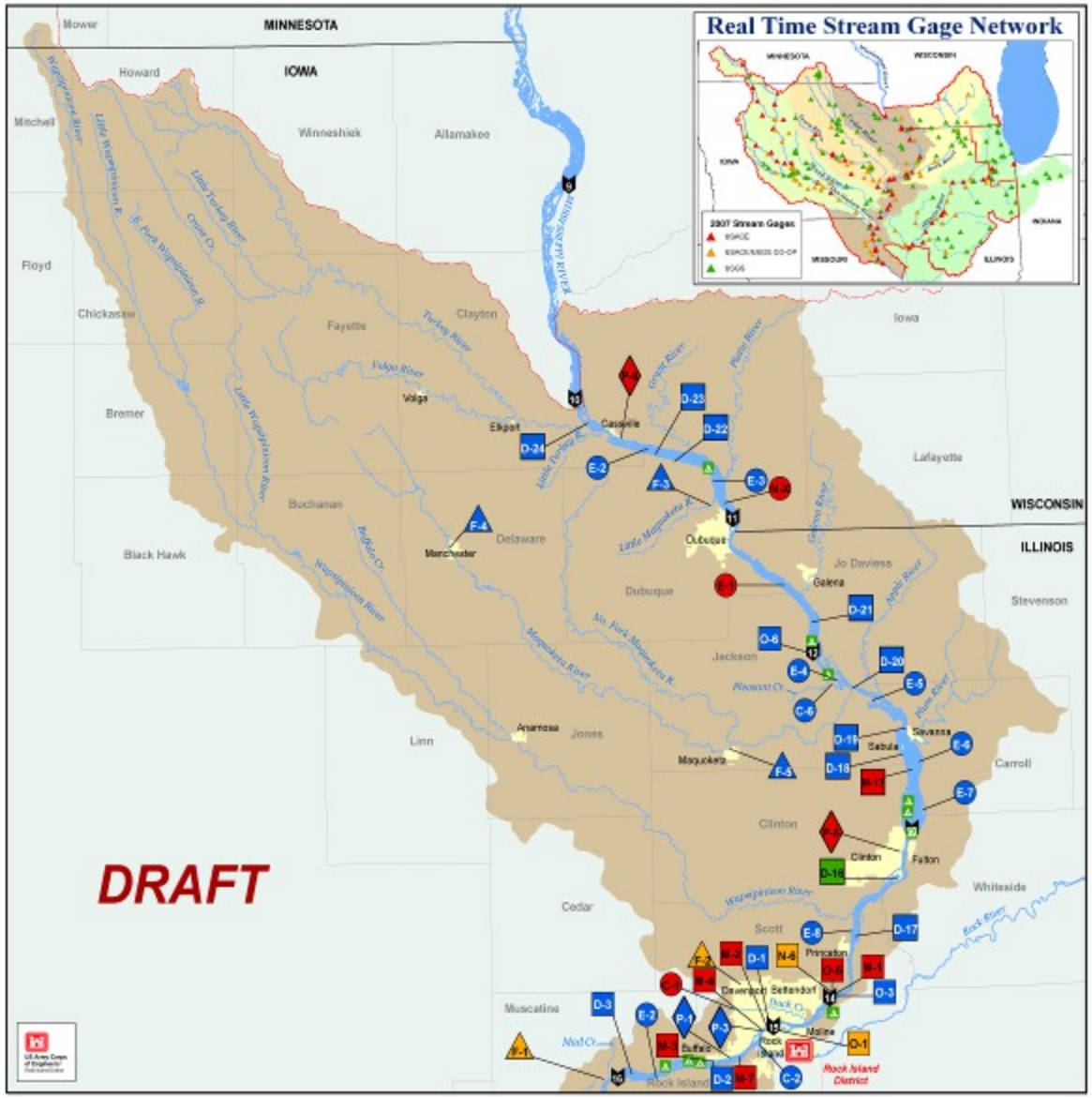
Map Prepared by the Rock Island District - Planning, Programs and Project Management (PPM) Team

Map dated 22 February 2007

Mississippi River Basin Northern Reach

Corps Contributions to Interagency Integrated Water Resources Management

1995-2015



ECOSYSTEM RESTORATION

Environmental Management Program (EMP)
- E-1 Pool 12 Overwintering HREP, IA/IL
- E-2 Andalusia Refuge HREP, IL
- E-3 Berton-McCartney Lakes HREP, WI
- E-4 Pool 11 Islands HREP, IA/WI
- E-5 Pleasant Creek HREP, IA
- E-6 Brown's Lake HREP, IA
- E-7 Spring Lake HREP, IL
- E-8 Potters Marsh HREP, IL
- E-9 Princeton Refuge HREP, IA

Navigation & Ecosystem Sustainability Program (NESP)
- N-6 Island Building Pool 11

Section 206
- C-1 Duck Creek
- C-2 Milan Bottoms, IL

Section 1135
- C-6 Mississippi River Vast Tree Planting, IA

FLOOD DAMAGE REDUCTION
- F-1 Mud Creek at Muscatine, IA Sec. 205
- F-2 Davenport, IA
- F-3 Little Maquoketa River, IA Sec. 205
- F-4 Manchester, IA Sec. 205
- F-5 Maquoketa, IA Sec. 205

Regional Studies
- Mainstream Levee Evaluation Project
- Upper Mississippi River Comprehensive Plan
- Upper Mississippi River System Flow Frequency Study

INFORMATION SERVICES & DECISION SUPPORT

Section 22 Planning Assistance to States (PAS)
- P-1 Buffalo, IA
- P-3 Sunset Marina, Rock Island, IL

Flood Plain Management Services (FPMS)
- P-5 Joyces Slough, Clinton, IA
- P-6 Jack Oak Slough Siltation & Erosion Study

REGULATORY

Rock Island District has lead regulatory responsibility for the State of Illinois and the State of Iowa.

St. Paul District has lead regulatory responsibility for the State of Wisconsin and the State of Minnesota.

NAVIGATION

Navigation & Ecosystem Sustainability Program (NESP)
- N-6 Lock & Dam 14, Mooring Cells

Operations & Maintenance
- O-1 Lock & Dam 12 Rehabilitation & Major Maintenance
- O-2 Lock & Dam 14 Rehabilitation & Major Maintenance
- O-3 Mississippi River Project Office
- O-4 Lock & Dam 15 Hydroturbine

FY07 Channel Maintenance Dredging Projects
- M-1 Lock 14 Upper Cut
- M-2 Lock 15 Upper Cut
- M-3 Buffalo Cut
- M-4 Centennial Bridge Cut
- M-7 Linwood Cut
- M-17 Sabula Lower Cut

Dredged Material Management Program (DMMP)
- D-1 Lock 15 Lower Reach
- D-2 Buffalo
- D-3 Hershy Chute
- D-16 Beaver Island
- D-17 Steamboat Slough
- D-18 Sabula Reach
- D-19 Savanna Bay
- D-20 Maquoketa River
- D-21 Island 241 Light
- D-22 Finely's Landing
- D-23 Hurricane Island
- D-24 Turkey River Reach

Planning Phase
Design Phase
Implementation/Construction Phase
Operational Phase/Study Completed

For more information about our projects, visit: http://www2.mvr.usace.army.mil/projects/index.cfm

Mississippi River Basin: Levee Districts

Emergency Response - Assistance to All
Emergency Levee Repairs to 45 Drainage & Levee Districts

- Rock Island District Headquarters
- Upper Mississippi River Basin
- Drainage & Levee District
- County Boundary
- City
- State Boundary
- USACE District Boundary
- Lock & Dam
- USACE Campground

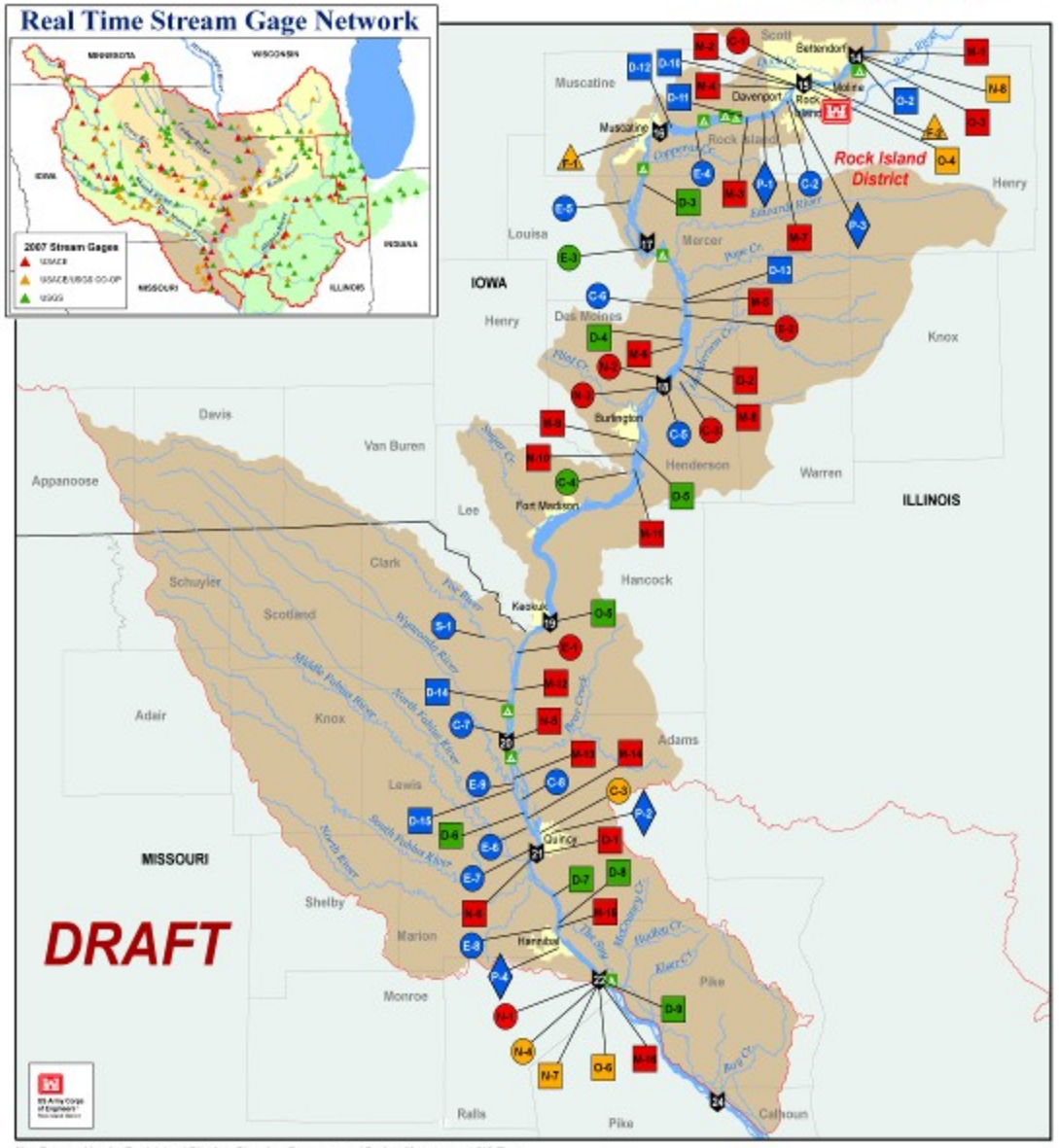
Map dated 22 February 2007

Map Prepared by the Rock Island District - Planning, Programs and Project Management GIS Team

Mississippi River Basin Southern Reach

Corps Contributions to Interagency Integrated Water Resources Management

1995-2015



ECOSYSTEM RESTORATION

Environmental Management Program (EMP)
- E-1 Fox Island, MO HREP
- E-2 Huron Island , IL HREP
- E-3 Lake Odessa, IA HREP
- E-4 Andalusia Refuge, IA HREP
- E-5 Big Timber, IA HREP
- E-6 Cottonwood Island, MO HREP
- E-7 Monkey Chute, MO HREP
- E-8 Bay Island, MO HREP
- E-9 Gardner Division, IL HREP

Navigation & Ecosystem Sustainability Program (NESP)
- N-1 Fish Passage Lock & Dam 22
- N-2 Pool 16 Island Building
- N-3 Pool 16 Water Level Management
- N-4 Switchboats Lock & Dam 22

Section 206
- C-1 Duck Creek, IA
- C-3 Milan Bottoms, IL
- C-2 Quincy Bay, IL

Section 204
- C-3 Henderson 3, IL
- C-4 Blackhawk Bottoms, IA

Section 1135
- C-5 Oquawka, IL
- C-6 Mississippi River Mast Tree Planting, IA
- C-7 Buck Run, MO
- C-8 Mississippi River Mast Tree Planting, IA

FLOOD DAMAGE REDUCTION
- F-1 Mad Creek at Muscatine, IA Sec. 205
- F-2 Davenport, IA

Regional Studies
- Wainstem Levee Evaluation Project
- Upper Mississippi River Comprehensive Plan
- Upper Mississippi River System Flow Frequency Study

EMERGENCY BANK PROTECTION

Section 14
- S-1 Highway 61 Bridge, Fox River, MO

INFORMATION SERVICES & DECISION SUPPORT

Section 22 Planning Assistance to States (PAS)
- P-1 Buffalo, IA
- P-2 Mid America Port Commission Study
- P-3 Sunset Marina, Rock Island, IL
- P-4 Hannibal, MO Special Study

REGULATORY

Rock Island District has lead regulatory responsibility for the State of Illinois, the State of Iowa, and northeast Missouri.

NAVIGATION

Navigation & Ecosystem Sustainability Program (NESP)
- N-5 New 1200' Lock, Lock & Dam 20
- N-6 New 1200' Lock, Lock & Dam 21
- N-7 New 1200' Lock, Lock & Dam 22
- N-8 Lock & Dam 14, Mooring Cells

Operations & Maintenance
- O-2 Lock & Dam 14 Rehabilitation & Major Maintenance
- O-3 Mississippi River Project Office
- O-4 Lock & Dam 15 Hydroturbine
- O-5 Lock & Dam 19 Rehabilitation & Major Maintenance
- O-6 Lock 22 Gate Replacement

FY07 Channel Maintenance Dredging Projects
- M-1 Lock 14 Upper Cut
- M-2 Lock 15 Upper Cut
- M-3 Buffalo Cut
- M-4 Centennial Bridge Cut
- M-5 Keithsburg Lower Cut
- M-6 Benton Island Cut
- M-7 Linwood Cut
- M-8 Oquawka Cut
- M-9 Burlington Bluff Cut
- M-10 Cmigel Island Cut
- M-11 Kemp's Landing Lower Cut
- M-12 Gregory Lower Cut
- M-13 Howards Crossing Cut
- M-14 Hogback/Lonetree Cut
- M-15 Turtle Island Cut
- M-16 Lock 22 Lower Cut

Dredged Material Management Program (DMMP)
- D-1 Lock 21 Lower
- D-2 Oquawka Reach
- D-3 Bass Island
- D-4 Benton Island
- D-5 Kemps Cragel Reach
- D-6 Hogback Reach
- D-7 NE Missouri Power Reach/Bebee Island
- D-8 Whitney Light
- D-9 Lock 22 Reach
- D-10 Lock 15 Lower Reach
- D-11 Buffalo
- D-12 Hensby Chute
- D-13 Keithsburg Reach
- D-14 Buzzard Island
- D-15 Howard's Crossing/ La Grange Reach

Planning Phase
Design Phase
Implementation/Construction Phase
Operational Phase/Study Completed

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Rock Island District Headquarters
Upper Mississippi River Basin
Drainage & Levee District
County Boundary
City
State Boundary
USACE District Boundary
Lock & Dam
USACE Campground

Map Prepared by the Rock Island District - Planning, Programs and Project Management GIS Team

Map dated 22 February 2007

US Army Corps of Engineers®

FY 08 Budget
(x$1,000)

	Pres Budget	Ability to Execute
General Investigations	$ 400	$ 28,176
Construction, General*	$ 43,909	$ 75,165
Operations & Maintenance**	$ 98,600	$153,329

Notes:
*Includes Total EMP (3 Districts)
**Includes Major Rehabilitation & Inland Waterways Trust Fund

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Program Comparison

($1,000)

	FY 06	FY 07	FY 07	FY 08
Approp.	Expended	Pres. Budget	Likely Work Plan	Budget*
GI	11,380	400	11,200	400
CG**	34,018	45,000	43,000	39,443
O&M	71,034	76,870	79,383	91,602
Total	116,432	122,270	133,583	131,445

Notes:

* Excludes Programmatic Funding (Remaining Items/CAP)

** Includes Major Rehabs. MVR portion of EMP.

US Army Corps of Engineers®

General Investigations
State of Iowa
FY 08 Budget
(x$1,000)

	Pres Budget	Ability to Execute
Cedar River (Time Check) (FEAS)	$ 0	$ 300
Des Moines & Raccoon Rvrs, IA (PED)	$ 0	$ 440
Fourmile Creek Watershed (FEAS)	$ 0	$ 100
Navigation Stu tal)	$ 0	$ 24,000
UMR Comprehe	$ 0	$ 686

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Navigation & Ecosystem Sustainability Program Status

- Final Feasibility Report - September 2004
- Chief of Engineers Report – December 2004
- Administration's position – On hold pending September 2007 Interim Report on Economic Re-evaluation
- Congressional action
  - WRDA failed to pass in 109th Congress
  - Redevelopment of WRDA underway in 110th Congress
- Pre-construction, engineering & design ($11.5 million FY 2005 & $10 million FY 2006, FY 2007 - ???)

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First Increment Ecosystem Restoration

$1.58 Billion

- Fish passage @ Dams 4, 8, 22 & 26
- Changes in water control @ Dams 25 & 16
- Adaptive implementation of 225 small habitat projects
  - Island building
  - Water level management
  - Backwater/side channel restoration
  - Wing dam/dike alterations
  - Island shoreline protection
- 35,000 acres of floodplain restoration (willing sellers)
- Continued study & monitoring

US Army Corps of Engineers®

Ecosystem Restoration Active Projects

- Backwater restoration – Upper Peoria Pool
- Side-channel restoration -- Scheniman Chute & Buffalo Island
- Wing dam/dike alteration -- Pool 2 & Herculaneum
- Changes in water control – Dam 25Shoreline protection – Multiple Sites
- Embankment lowering – L/D 8
- Island building – Pool 11
- Fish passage – L/D 22 & Mel Price
- Floodplain restoration -- Pierce County, WI; Root River, MN; Emiquon West, IL (USFWS)
- Water-level management – Pools 5, 9, & 18

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First Increment Navigation Projects
$2.03 Billion

- Mooring facilities @ Locks 12, 14, 18, 20, 22, 24 & LaGrange ($11M)
- Switchboats @ Locks 20 through 25 ($211M)
- 1200’ chambers at Locks 20 - 25, LaGrange & Peoria ($1.6B)
- Mitigation for incremental traffic effects ($180M)
- Continued study & evaluation ($22M)

Navigation Improvements

US Army Corps of Engineers®

FY 07 & FY 08 Activities

- Economic Re-Evaluation & Interim Reports
- Large Scale:
  - Locks 22 & 25 - public meetings, hydraulic & navigation modeling, definitive construction schedules, detailed plans & specs, site-specific environmental assessment
  - LaGrange – physical model - geotechnical borings -hydrologic modeling
- Small Scale - mooring cells, switch boats, traffic management
- FY 08 continue design, implement small scale nav. measures, lock site prep. (e.g., alignments and dredging)

US Army Corps of Engineers®

Construction, General State of Iowa FY 08 Budget

(x$1,000)

	Pres Budget	Ability to Execute
Des Moines & Raccoon Rvrs, IA	$ 0	$ 983
Des Moines Rec Rvr & Greenbelt	$ 0	$ 12,700
Davenport	$ 0	$ 4,864
EMP (3 District Total)	$23,464	$ 33,520
Nav. Improvements*	$ 0	$ 16,200
L/D 11 Rehab	$ 6,300	$ 6,300
Lock 19 Rehab	$ 698	$ 1,471

* **Requires Construction Authorization**

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Des Moines and Raccoon Rivers

- Awaiting WRDA authorization
- Unbudgeted in FY08
- Capability of $983k

US Army Corps of Engineers®

Des Moines Recreational River and Greenbelt

- Unbudgeted in FY08
- Ability to Execute $12.7m
  - Fort Dodge $1.6m
  - City of Des Moines $7.1m
  - Cordova on the Rock $2.7m
  - Red Rock Trail $1.1m
  - Proj Management $200k

US Army Corps of Engineers®

Davenport, IA
Local Flood Protection

- Construction authorized R&H Act of 1970
- Waiting for appropriation to initiate construction
- Could use $4,864,000 CG in FY 08
- $0 in Pres. FY 08 Budget
- Protects water treatment plant serving 130,000 people

US Army Corps of Engineers®

Environmental Management Program

- Completed Pool 11 Islands – Fall 2006 – rec'd partnering award
- Initiated Lake Odessa – Fall 2006
- Working on 25 HREP projects in 3 Districts
- Completed 48 projects impacting 83,000 acres
- LTRMP component includes a 6-field station monitoring network

Sunfish Lake

Mud Lake

Continuing Authorities Program
Sections 204 & 206
(x$1,000)

US Army Corps of Engineers®

	FY 07 Funding	FY 08 Ability to Execute
Section 204		
• Blackhawk Bottoms	$ 39	$ 50
Section 206		
• Duck Creek	$ 30	$ 216
• Iowa River/Clear Creek	$ 112	$ 1,500
• Storm Lake	$ 24	$ 100
• Whitebreast Creek	$ 0	$ 121
• Ventura Marsh	$ 139	$ 3,800

Continuing Authorities Program
Section 14 & 205
(x$1,000)

US Army Corps of Engineers®

	FY 07 Funding to Execute	FY 08 Ability
Section 14		
• Iowa City/Iowa River/Dubuque St.	$ 138	$ 234
• Keosauqua, Des Moines R.	$ 0	$ 100
• Monroe Co., Coal Creek	$ 185	$ 13
• Roland, Bear Creek	$ 0	$ 100
Section 205		
• Cedar Rapids, Indian & Dry Run	$ 9	$ 350
• Mason City, Winnebago R.	$ 90	$ 100
• Muscatine, Mad Creek	$ 325	$ 2,750
• Cedar Falls Utility	$ 0	$ 250

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Operations & Maintenance FY 08 Budget

(x$1,000)

Ability to Execute	FY 07 Pres. Budget	Pres. Budget to
Coralville Lake	$ 3,304	$ 3,169	$ 7,010
Lake Red Rock	$ 3,902	$ 3,650	$ 8,464
Mississippi River	$ 37,208	$ 48,425	$ 76,779
Saylorville Lake	$ 4,473	$ 4,308	$ 6,339

US Army Corps of Engineers®

FY 08 Mississippi River Project President's Budget

$48,425,000

- $810,000 needed to continue current operations

- Potential reductions in services scheduled for FY 08:
  - Recreation areas
  - Natural resource management

- Additional needs:
  - Major maintenance at Lock 19 ($400K)
  - Miter gates at Locks 20 & 21* ($12.0M)
  - Emergency gates at Locks 11, 12, 13* ($1.45M)
  - Bulkhead slots at ten sites* ($8.0M)
  - Systemic tainter valve at Lock & Dam 22* ($1.4M)
  - Lock & Dam 18 concrete – safety* ($2.1M)
  - Gregory Drainage Ditch ($267K)
  - Dredging & dredge site acquisition ($1.97M)

*Top 15% within Mississippi Valley Division

US Army Corps of Engineers®

FY 08 Saylorville Lake President's Budget

$4,308,000

- $715,000 needed to continue current operations

- Potential reduced levels of service
  - Recreation areas
  - Natural resource management

- Additional needs:
  - Barrier dam pump replacement ($950K)
  - Slide gate repairs (250K)
  - Dam monitoring system ($57K)
  - Relief wells ($59K)

US Army Corps of Engineers®

FY 08 Lake Red Rock President's Budget

$3,650,000

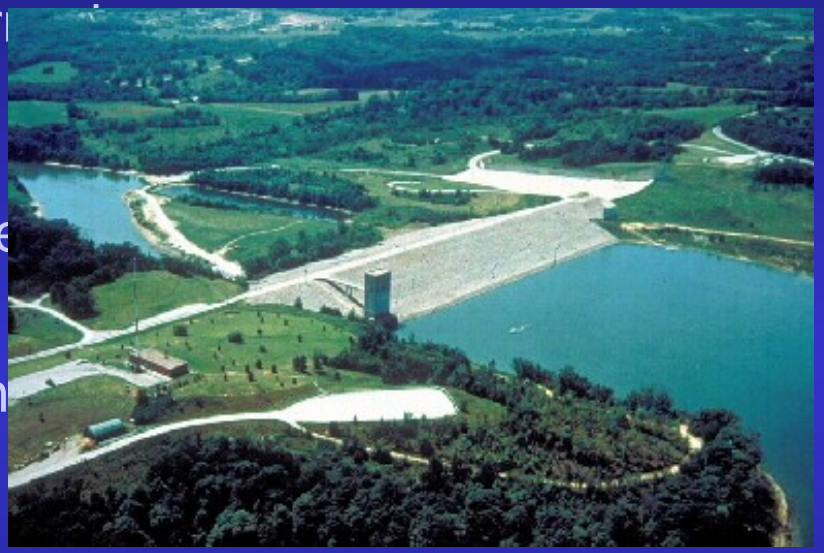
- $889,000 needed to continue curr operations
- Potential reduced levels of service
  - Recreation areas
  - Natural resource managemen
- Additional needs:
  - Tainter gate cable repairs ($1,200K)
  - Tainter gate bulkhead & lock system ($2,600K)
  - Update outdated O&M manual ($125K)

US Army Corps of Engineers®

FY 08 Coralville Lake President's Budget

$3,169,000

- $908,000 needed to continue curr
  operations



- Potential reduced levels of service
  - Recreation areas
  - Natural resource managemen
- Additional needs:
  - Erosion repair at tailwater east ($250K)
  - Amana levee stabilization ($100K)
  - Service road repair ($52K)
  - Boundary surveys-encroachment management ($31K)
  - Bulkheads & outlet works rehab ($2,500K)

US Army Corps of Engineers®

Regulatory Program

Average Annual Permit Actions in the Rock Island District

Individual Permits	132	
Permit Denials		5
Letters of Permission		30
Regional Permits	42	
Nationwide Permit Verification	1,169	
No Permit Required Determinations		323

Total Yearly Permit Actions
1,701

US Army Corps of Engineers®

Regulatory Issues to Watch

- Supreme Court decision & pending guidance
- Regional supplements to the 1987 Wetlands Delineation Manual
- Mitigation rule/mitigation monitoring requirements
- Recent court case on Tulloch II
- Nationwide permits

US Army Corps of Engineers®

Points of Contact

Commander
COL Robert Sinkler
309-794-5249

Contracting
Rhonda Johanson, Chief
309-794-5312

Emergency Operations
Kent Stenmark, Chief
309-794-5325

Engineering & Construction
Denny Lundberg, Chief
309-794-5226

Operations
Kenn Shoemaker, Chief
309-794-5501

Planning, Programs & Project Management
Gary Loss, Chief
309-794-5260

Regulatory
Dan Johnson, Chief
309-794-5370

Rock Island District Website: www.mvr.usace.army.mil

Presentation
To The
State of Iowa Officials
March 15, 2007